

Precision Mounting of Proton Synchrotron
Magnets, by S. V. Varfenko, A. K. Pevnev,
10 pp.

RUSSIAN, per, Priory 1 Tekh Eksp., No 4,
1962, pp 55-65.

ISA

Sci

Apr 63

233,500

Experience in Highly Precise Geodetic Work During
the Installation of a Seven-Bev Proton Synchrotron,
by S. V. Marfenko, 10 pp.

RUSSIAN, per, Geodeziya i Aerofotosiema,
No 4, 1965, pp 13-36.

Amer Geophys Union

Sci
Aug 64

264,847

REPRODUCTION OF DOCUMENTS IN THE AREA, BY
JL. FERNANDEZ, D. FERNANDEZ, IS PP.

THE DOCUMENT, FOR, FERNANDEZ FERNANDEZ, VOL. 12, NO. 4, 1951
P. 161-171.

27th 2078

END - FERNANDEZ

END

OL 63

235,401

Optic Orientation of Potassium and ~~SMIN~~ Sodium
Feldspars as a Function of Various Factors, by
A. S. Marfunin, 19 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog, No 2,
1961.

AGI

Sci

Sep 62

8
210,401

Derivation of Diagrams for the Optical Orientation of
Albite and Intermediate Plagioclases, by A. S. Martynov
4 pp.

RUSSIAN, per. 12 Ak Nauk SSSR, Ser, Geolog, No 5,
1960.

AGI

Sci

Mar 62

186, 138

61
 The Feldspars, Their Relations, Optical Properties,
 and Geological Distribution, by
 F. A. J. Brown,
London, 1962, Tracy Institute Geological Survey,
London, 1962, Petrographically, Mineralogy 1
London, 1962, No 70, 250 pp.
 C2011 11 05-30001

001-0001 1001
 001 00

515,001

New Optical Orientation Diagrams for the Alkali
Feldspars, by A. S. Marfunin, 3 pp.

RUSSIAN, 1960, Dok Ak Nauk SSSR, Vol CXXXIII, No 4,
1960, pp 939-942.

AGI

Sci

Aug 61

163, 838

26
Chemical Bond Estimation From Superfine
Structure of Electronic Paramagnetic Resonance
Spectra of Manganese, by L. V. Bershov,
A. S. Marfunin, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLV,
No 3, 1964, pp 632-636.
JPRS 25115

Sci - Chem
Jun 64

261,992

Errors in Measurements on a Fedorov Stage, Due to
Birefringence in Glass Segments, by A. S. Marfunin,
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1959, pp 98-100.

AGI

S41

Jan 63

157, 957

Centennial of Microscopic Petrography, by
A. S. Marfunin, 4 pp.

RUSSIAN, per, Iz Ak Nauk BSSR, Ser Geolog,
No 1, 1960, pp 120-124.

Amer Geolog Inst

Sci

Nov 60

132, 545

A New Diagram for the Optical Properties of Acid
and Intermediate Plagioclase, by A. S. Marfunin,
2 pp.

RUSSIAN, DOKL. DOKL. AKADEM. NAUK SSSR, Vol. CCVII, No 6,
1958, pp 1183-.

Consultants Bureau

Sci. - Geophys.

Jan 59

79,978

The Optics of Submicroscopically Twinned
Crystals, by A. S. Marfumin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII,
No 4, 1959, pp 869-872.

AGI

Sci

Jun 61

152, 269

The Isolation of Variola Virus in eggs,
by S. S. Marennikova, 5 pp.

Vol XXXI, No 6, 1960, pp 102-106.

PP

165,589

Sci

MAY 61

Hydrography and Phytoplankton of the Castellon
Coast From July 1957 to June 1958, by R.
Margalef.

SPANISH, por, Investigacion Pesquera,
Vol. XV, 1959, pp 3-38.

CSIRO 5275

Sci. Geophys
Jul. 62

207, 621

English Title Unknown, by R. Margaria.
GERMAN, Arbeitsphysiologie, 1930, pp 261-272.
*NASA TT E-11,774

R. Margaria

June 68

Some Important and Urgent Problems of Aviation
Medicine, by Prof. R. Maggiora, 13 pp. UNCLASSIFIED

Full translation.

ITALIAN, per. Rivista di Medicina Aeronautica, Vol
XXII, No 3, 1970, pp 331-342.

AND 7-23-7717

Scientific - Medicine

W Bur - MI1 - Medical - Human Physiology

A 7599

33
Human Ability to Walk Under Decreased Air
Pressure, by H. Margaria.
GERMANY, pub, Arbeitsphysiologie, Vol 2,
1930, pp 261-272.
NASA TR F-11,774

Sci
Dec 68

372,105

Volumization of Kiblar, by V. B. Margaritov, 5th
KIBLAR, par. 1941 Kiblar, Vol 20, 1941, No 2,
pp 224-235
SLA 13-62-10886
SLA 13-61-20358

V. B. Margaritov

Sci - Nat
July 67

330,845

Conductivity of Weakly Ionized Air at High
Frequencies, by H. Margenau, E. Desloge, D.
Stillinger, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 8, 1959, pp 1040-1049.

Columbia Tech

Sci

Oct 60

130,307

Structure of the Excited F-Center States of NaCl, 20
NaBr, and KCl Compounds, by Robert Romestain,
Jean Marguerie, 5 pp.
FRENCH, per, Comptes Rendus, Vol CCLVIII,
2 Mar 1964, pp 2525-2528. 0224945
AEC-ORNL-Tr-156

Sci-Chem
Nov 64

268,721

**Pyodermites Acrocinosa Infections (Pyodermites
Infections) in Infants and Young Children,
by Lucette Paul, M. Margot, 13 pp.**

**CHAMPA, par, Revue Med Neuchâtel, 1963,
V 88, No 34, pp 1638-1643.**

RE

SLA TT 64-18635

M. Margot

Jul 66

305,423

Researches on the Behavior of Different Mineral
Substances, of Phosphatase, Cholesterol, total-
protein and Residual-urea Content, and of Serum-
protein Fractions After Fracture Trauma and
Nailed Fractures, by G. Hanse, W. Margraf, 17 pp.

GERMAN, per, Langenbecks Arch u Dtsch Z Chir,
Vol CCLXXXI, No 6, 1955, pp 641-647.

NIH 9-2

Scientific - Biology
Nov 56 CES

40, 424

Blood Transfusion and Blood Clotting. Changes in Individual Clotting Factors or Clotting Complexes in Stored Blood and the Influence of the Intravascular Clotting Milieu in Humans After Transfusion of Stored Blood and Fresh Blood, by Wilhelm Marggraf, 18 pp.

GERMANY, par, Erg d Bluttransfusch, No 3, 1957, pp 100-120.

MR 4-6

Sci. Med

86.004

The Reaction of Nitrites With Amino-Sulfonic Acid
and an Identification and Determination of Nitrous
Acid in the Presence of Nitric Acid, by Paul Harggraff
Ilse Harggraff.

GERMAN, per, Ber, Vol LXIII, 1930, pp 1019-1024.

AEC Tr 1678

EEur - Germany
Scientific - Chemistry

Sep 53 CTS

5686

Determination of the Tannins in Wine by
Ultraviolet Spectrophotometry, by
G. Margheri.

ITALIAN, per, Revista di Viticoltura e
di Enologia, Vol XIII, 1960, pp 401-406.

CSIRO/No 6212

Sci-Chem
Jun 63

234,612

ECONOMIC EFFECTIVENESS OF NEW TECHNOLOGY IN THE
MECHANIZATION OF AGRICULTURE, BY N. JEREMIDAN,
I. BLAND, 31 PP

RUSSIAN, FEB, PROBLEME ECONOMIQUE, VOL XVI, NO 7,
1962, PP 65-68

JPRS 21158

EX-100001A
ECON
SEP 63

343,582

The Behavior of the Cutaneous Electric
Resistance in Parkinsonian Syndromes,
by G. Margherita.
ITALIAN, per, Acta Neurol, Vol 19, No 5,
1964, pp 698-706.
NIM 5-47-65 (On Loan)

G. Margherita

Sci/BBN
Jul 65

233,667

53
The Behavior of the Cutaneous Electrical
Resistance in Parkinsonian Patients after
Thalamolysis, by G. Margnerita,
ITALIAN, per, Acta Neurol, Vol 19, No 5,
1964, pp 707-713.
NII 4-61-65

Sci-1001
May 65

280,901

(DC-1689)

Technical Means of Increasing Agricultural Production of Collective Farms in Cluj Regiune, B by I. Margineanu, 16 pp. UNCLASSIFIED

RUMANIAN, no per, Probleme Agricole, Vol IX, No 12, Bucharest, Dec 1957, pp 76-88.

US JPRS/DC-L-423

EEur - Rumania
Eco - Agriculture

66,080

the General Program of the USSR and Soviet-Chinese
Scientific Collaboration, by A. Margolin, 2 pp.

RUSSIAN, per, Voprosy Ekonomiki, Vol. I, No. 7, 1958,
pp 156-158.

Internatl Arts and Sci Press

US31
Econ
Dec 58

78,453

Specialization and the Comprehensive Development
of the National Economy of the Economic-
Administrative Areas of the Far East, by
A. B. Margolin, 15 pp.

RUSSIAN, rpt, Problemy Narodnogo Khozyaystva
Dal'nego Vostoka, 1963, pp 213-239.

AC31 I-3722
ID 2251748

Far East
USSR
Econ
Dec 63

244,027

Stability of Burning of Porous Explosives,
by A. D. Margolin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 4,
1961, pp 867-869. 9664226

FTD-TT-61-389

CTIA 1974

Sci - Phys

2 Mar 62

186, 256

THE LEADING STAGE OF COMBUSTION, BY A. D. MARGOLIN,
4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 5,
1961, PP 1131-1134.

CB

SCI - PHYS CHEM

209,640

SEP 62

Constant Pressure, by A. D. Margolin, 17 pp.

RUSSIAN, per, Inzhenernyy Zhurnal, Vol. III, No 3, 1963.

JPRS 22567

Sci

Jan 64

146, 234

the Leading Stage of Burning, by A. D.
Mongolian, 6 pp.

RUSSIAN, per, Dok Ak Mank SSER, Fiz Khin,
Vol OSLA, No 5, 1961, pp 1131-1134.
9677231

FTD-MT-62-229

Sci - Phys

18 Jun 62

207,158

(SF-1330)

Meeting of Petroleum-and-Gas and Chemical Societies,
by D. L. Margolin, 11 pp.

RUSSIAN, per, Zhur Vsesoyuznogo Khim Obshch Imeni
D. I. Mendeleeva, Vol V, No 4, Aug 1960,
pp 460-465.

JFNS 4332

Sci - Chem

Feb 61

139, 276

(58-1879)

Results of the Competition for the Best Works of the
Central Board of the All-Union Chemical Society
Imeni D. I. Mendeleev for 1959, by D. L. Margolin,
G. A. Rudakov, 15 pp.

RUSSIAN, Izv. Zhur Vses Khim (Izvestiya imeni D. I.
Mendeleeva, No 1, 1961, pp 102-107.

JPRS 11920

180,387

Sci. - Chem

Jan 62

(NY 4880)

Sixty Ninth Report and Election Meeting of the
All-Union Chemical Society imeni I. Mandel'ev,
by D. L. Margolin, 22 pp.

RUSSIAN, per, Zhurn Vsesoyuznogo Khimicheskogo imeni
I. Mandel'syeva, Vol V, No 1, 1960, pp. 97-101.

JPRS 7515

Sci - Chem

Feb 61

139,271

X-Ray Investigation of the Nature of Fracture Under
Impact Loading, by D. M. Vasil'ev, G. I. Margolin,
S. V. Dianov, 6 pp.

RUSSIAN, no per, Zhur Tekh Fiz, Vol XXVI, No 9,
1956, pp 2119-2124.

Amer Inst of Phys
Soviet Phys-Tech Phys
Vol I, No 9

54, 56!

Sci - Physics
Oct 57

Voluminous and Shaped Yarn From Chemical
Fibres, by I. Margolin.

RUSSIAN, per, Tekstil'naya Promy, Vol XXI,
No 1, 1961, pp 14-19.

CSIRO/No 5748

Sci-Chem
Mar 63

225,289

Fundamentals of Infrared Technology, by I. A.
Margolin, N. P. Romyantsev, 318 pp, (AF 708468).

RUSSIAN, bk, Osnovy Infirakrasnoy Tekhniki, 1955,
264 pp. *CIA 607139-6.3534*

CIA 607139-6

ATIC F-T6-10089/V

Sci - Physics
Aug 57

51, 205

Infrared Instruments for Military Purposes, by I. A.
Margolin, H. P. Runyantsov, 44 pp.

RUSSIAN, bk, Osnovy Infrazvuchnoi Tekhniki, 2nd Ed,
1957, pp 276-303. CIA 647192

ATTC F-TS-9672/V

Sci - Electron
Apr 59

85,017

Letter to the Editor Concerning the Paper by
N. V. Churaev, by I. Z. Margolin, 2 pp.

RUSSIAN, per, Kolloid Zhur, Vol XVII, No 1,
Jan-Feb 1955, pp 76. CIA D 151334

Consultants Bureau

24,437

Scientific - Chemistry Jun 55 CTS/DEX

INTERNATIONAL AND DOMESTIC NEWS ITEMS, BY
L. M. BROWNE, E. J. BROWNE, ET AL. 5 PP.

RUSSIAN, PER, NET 1 212, NO 10, 1963, PP 63, 64.

JUN 22 1963

DCI-ENR SCI
DEC 63

242,589

{NY-2300/5}.

Air-Separation Units, by K. H. Ivanov, L. R.
Margolin, 6 pp.

RUSSIAN, per, Kislored, No 2, 1959.

JPRS-1982-N

USSR
Econ - Technological - Chemical Machinery
Nov 59

100,555

(NY-2900/2).

~~Small and Medium Capacity~~ ^{Nitrogen} Installations for the
Production of Liquid and Gaseous Nitrogen, by
K. N. Ivanov, L. R. Margolin, V. D. Zubchik, 8 pp.

RUSSIAN, per, Kislorod, No 1, 1959.

JPRS-1798-N

USSR
Econ
Jul 59

93,099

Calculation of a Vacuum-Tube Oscillator With a
Complex Load Under Overloaded Operating Conditions,
by M. G. Margolin, 16 pp.

RUSSIAN, per, Radiotekh, Vol XIII, No 10, 1958,
pp 29-38.

PP

Sci - Engr
Oct 59

99,127

The Relationship Between Valve and Transistor Parameters, by M. G. Margolin, 10 pp.

RUSSIAN, per, Radiotekhnika, Vol XIII, No 2, 1958, pp 79-85.

Pergamon Press

Sci - Electron

Sep 59

96,670

Auto Anode Modulation of Tube Oscillators,
by N. G. Margolin, 23 pp, (AF 640651).

RUSSIAN, bino per, Radiotekhnika, No 4,
Jul/Aug 1954, p 33. CIA V 6150

ATIC F-TS-8442/V

Scientific - Electronics 34,976

Jun 56 CTS/dex

Magnetic Investigations of Alloys of the
System Cr-Ge, by S. D. Margolin, I. G.
Fakidov, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol
No 6, 1960, pp 823-827.

PP

Sci

Jun 61

156, 183

Application of the Photoresistance of CdS in
Combination With Phosphors as a Detector for
Cobalt-60 Gamma Rays, by S. D. Margolin, I. S.
Feldlov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, 1955,
pp 976-977.

AEC Tr-4000

Sci - Chem

May 60

117, 5-3

R-900

(NY-2928).

Measures for Sharp Curtailment of Output of Anthracite
Fines in the Donbass, by V. A. Margolin, 11 pp.

RUSSIAN, per, Ugol', No 7, 1959, pp 55-58.

JPRS-L-978-IN

USSR

Econ - Coal Industry

Sep 59

97,691

Influence of Small Additions upon Crystallisation and Physical Properties of Some Alloys and Alloy Steels, by V. Messkin, Y. Margolin, 16 pp.

RUSSIAN, per, Stal, Vol I, No 5, 1941, pp 47-53. (loan copy only)

SLA R-1927

Sci
Aug 58

70,961

MESSIN, V.
MAROGLIN, YU.

Stal, vol. 1, 1941, No. 5, pp. 47-53;
12 figures, 7 tables, 3900 words.

Influence of Heat Treatments upon
Crystallization and Physical Properties
of Some Alloys and Alloy Steels.

Butcher Trans, Order No. 1324, \$4.85.

47602

Hydrogen in Transformer Steel, by V. S. Mes'kin,
Yu. M. Margolin

Full translation.

RUSSIAN, per, Soobshcheniya Leningradskogo Instituta
Metallov, No 13, 1933, pp 42-42.

Brutcher Tr No 57

Scientific - Ch^emistry

Jul 53 CTS/DEX
Price \$1.50

2970

7th Freighter-Fishing Trawler, by M. I. Dicomidov, E. G.
Mogolins. URNL

ASIAN, per, Sudostroyeniye, Vol XXV, No 4, 1960,

^V
Navy Tr 222 2841/BuShips 749

ASR

MM

61

160, 997

Magnetic Structure of Small Monocrystalline
Particles of MnBi Alloy, by Ya. S. Shur, E. V.
Shtol'ts, V. I. Margolina, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII,
No 1, 1960, pp 46-50.

Amer Inst. of Phys
Sov Phys - JETP
Vol XI, No 1

Sed -
Aug 60

122,131

Concerning the Nature of the Self-Adhesion (Autohesion)
of High-Molecular Substances, by S. S. Voyutskiy,
Yu. L. Margolina, 30 pp.

RUSSIAN, per, Uspekhi Khim, Vol XVIII, No 4, 1949,
pp 449-461.

SLA 59-15938

Sci . Chemistry
Nov 59

103,310

Hydrography and Phytoplankton of the
Castellon Coast From MAY XX July 1956 to
June 1957, by J. Herrera, R. Margaleff.

SPANISH, per, Investigacion Pasquera, No 10,
1957, pp 17-44.

CEURO Tr 5279

LA - Spain
Geog
Oct 61

171,337

INVESTIGATION OF TONIC REFLEXES ON STIMULATION
OF DIFFERENT HUMAN SENSE ORGANS, BY G. M.
MARGOLIN, 6 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI
I. M. SECHONOVA, VOL XLVIII, NO 1, 1962,
PP 95-97. 9665945

FTD-TT-62-558

SCI - MED
AUG 62

207,962

The State of Affairs and Problems of Our Party
Organization in the People's Democracy of Bulgaria,
by Alekos Margaritis, 13 pp

Full Translation.

GREEK, per, Neos Kosmos, Vol C. No 11, Athens, Nov
1951, Encl 1 to State Dept Despatch 1295, Athens,
28 Apr 1952.

State Tr

EEu - Bulgaria, Greece

Political - Communism

Jun 5: CTS DEX

CIA 771331

(S-5385)

(NY-2948)

For the Fulfillment of the Seven-Year Plan Ahead of
Time, by D. A. Margolin, 3 pp.

RUSSIAN, per, Vedit From USSR, No 7, 1959, pp 6-8.

JPRS-L-1016-H

Sci - pad
Nov 59

100,568

Simultaneous Microdetermination of Carbon, Hydrogen
and Sulfur, by E. I. Margolis, N. P. Egorova, *Spz.*

RUSSIAN, per, Vestnik Moskov Univ, Ser Matematicheskii,
Mekhanika, Astronomii, Fiziki, Khimii, Vol VIII,
No 4, 1958, pp 209-213.

SLA 62-10247
ATB RJ-2019

175-714300

Sci. Chem

Jan 60

105,681

The Reaction of Potassium Chloride With a Mixture
of Sulfur Dioxide, Water and Steam, by F. G.
Margolis, Z. N. Lanskaya, S. I. Volkovich,
6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5,
May 1955, pp 453-458. CIA C 39706

28,912 Consultants Bureau

Scientific - Chemistry

Nov 55 CTS/DEX

Oxidation of NH_3 with O_2 in the Presence of Water
Vapor, by F. G. Margolis, A. M. Dubovitzkiy, 12 pp.

RUSSIAN, Trans Sci Inst Fertilizers, No 92, 1932,
pp 59-67.

SLA R-2878

Sci

Jul 59

92, 353

The Dendritic Structure of the Ammonium Nitrate
and its Effect on Caking of the Salt, by A. M.
Dubovitsky, F. G. Margolis, and T. V. Glazova,
1/2 pp.

RUSSIAN, no per, Zhur Prikl Khim, Vol XXVII, No 4,
Apr 1954, pp 368-375. CIA C 38934

Consultants Bureau

Scientific - Chemistry

OTS 73/Oct 55

27,004

The Production of Dicalcium Phosphate and Ammonium Nitrate by the Nitric Acid Decomposition of Phosphates, by P. G. Margolis et al.

RUSSIAN, per, Khim Prom, ~~Vol. 1~~, No 1, PP 26-31.

ATS RJ-1705

1956

ATS-6623

Sci - Chem

Jul 59

90,869

Margolis, F.G., Lunskeya, Z.N. and
Vol'fovich, S.I.

RÉACTION DU CHLORURE DE POTASSIUM AVEC UN
MÉLANGE D'ANHYDRIDE SULFUREUX D'AIR ET DE
VAPEUR D'EAU (Reaktsiya Khloristogo Kaluya so
Smes'yu Sernistogo Gaza, Vozdukh i Volynogo Para)
(The Reaction of Potassium Chloride With a Mixture of
Sulfur Dioxide Water and Steam), 18p. (foreign text
included) 2 refs. CNRS-VIII bis 338.
Order from OTS, ETC or CNRS \$1.60 TT-62-28169

Trans. in French of Zhurnal Prikladnoi Khimii
(USSR) 1958, v. 25, no. 5, p. 453-458.

DESCRIPTORS: *Potassium compounds, Chlorides,
Sulfur compounds, Dioxides, Air, Water vapor,
*Sulfates, Catalysts, Pyrites.

(Chemistry--Inorganic, TT, v. 11, no. 8)

TT-62-28169

I. Margolis, F.G.
II. Lunskeya, Z.N.
III. Vol'fovich, S.I.
IV. CNRS-VIII bis 338
V. Centre National de Recherche
Scientifique, Paris

Office of Technical Services
European Translations Centre

The State and Trends of Fertilizer Manufacture by the
Nitric Acid Treatment of Phosphates in the Capitalist
Countries, by A. M. Dubovitsky, F. G. Margolis, 10 pp.

Full tr

RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 3, 1956,
pp 321-329. CIA 9000995-C, Reel No 42

Consultants Bureau

Sci - Chemistry
Nov 56 CTS

40,504

Margolis, L. D.
OXIDATION OF TOLUENE TO BENZALDEHYDE.
[1961] 6p. 18 refs.
Order from: OTS or SLA \$1.10

61-18033

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1941,
v. 14, p. 827-833.

DESCRIPTORS: *Toluenes, Oxidation, *Benzaldehydes,
Electrolysis, *Electrochemistry.

Oxidation of toluene to benzaldehyde can be carried out with oxidizing agents capable of electrolytic regeneration. For this purpose a solution of manganese sulfate in sulfuric acid of specific gravity 1.500 is suitable. The oxidizing agent may be regenerated in an apparatus with lead electrodes without a diaphragm. This may easily be carried out under plant conditions. The optimal conditions of oxidation of toluene and of regeneration of the oxidizing agent are: (a) specific gravity of sulfuric acid used for the bath, 1.500; (b) temperature (Chemistry: Organic, TT, v. 6, no. 7) (over)

61-18033

L. Margolis, L. D.

Office of Technical Services

Modification of Catalysts for the Oxidation
of Hydrocarbons, by L. Ya. Margolis,
E. Kh. Enikeyev, et al, 7 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol III,
No 2, 1962, pp 181-188.

CB

Sci

Jan 63

220,668

Kinetics of the Oxidation of Propylene to Acrolein
on Copper Catalyst, by O. V. Isayev, L. Ya. Margolis,
4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 2,
1960, pp 237-241.

CB

Sci
Jul 61

161,254

The Mobility of Modifying Additives in Silver,
by Yu. N. Stepanov, L. Ya. Margolis, S. Z.
Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCKIII,
No 6, 1960, pp 1384-1387.

CB

Sci

Apr 61

149,169

The Mechanism of the Oxidation of Propylene to
Acrolein on a Cuprous Oxide Catalyst, by G. V.
Isayev, L. Ya. Margolis, I. S. Sazonov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 1,
1959, pp 141-144.

~~RUSSIAN, per, Do,~~

~~205~~

CB

Sci

Oct 60

15 2-0

Physicochemical Investigations in the Field of the
Ammonia-Soda Process. IV. Kinetics of Crystalli-
zation of Sodium Bicarbonate Out of Supersaturated
Solutions, by A. P. Belopol'skiy, F. G. Margolis,
86 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XX, No 4, 1947,
pp 331-344.

Sci Tr Center
HT-1594

Scientific- Chemistry

CTS/DEX

18,781.

52
Catalytic Oxidation of Various Classes of
Organic Compounds in a Jet, by
L. Ya. Margolis, G. M. Todes.
RUSSIAN, per, Zh Obshchey Khim, Vol 18,
No 6, 1948, pp 1043-1050.
Dept of Navy NRL Trans No 1171

Sci-Chem
June 69

383,154

The Effect of the Surface Charge of Zinc Oxide
on the Rate of Chemisorption of Oxygen, by E. Kh.
Enikheyev, L. Ya. Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,
1959, pp 372-375.

CB

Sci

Oct 60

130,070

Fundamental Relationships in the Catalytic Oxidation
of Hydrocarbons. I. Adsorption of Hydrocarbons
on Oxidation Catalysts, by L. Ya. Margolis.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk SSSR,
No 10, 1958, pp 1175-1183. 3447

ATS RJ-1921

HTS-99L 34R

Sci - Chem
Dec 59

104,095

Modification of a Silver Catalyst by Organic
Halogen Compounds, by Yu. N. Stepanov, L. Ya.
Margolis, S. Z. Roginskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV,
No 2, 1960, pp 369-372.

EE CB

Sci

Jul 61

167,393

Mechanism of the Catalytic Oxidation of Simple
Unsaturated Hydrocarbons on Metals and Semiconductors,
by L. Ya. Margolis, S. Z. Roginskiy. UNCL

RUSSIAN, bk, Problemy Kinetiki i Kataliza IX,
Isotopy v Katalize, 1957, pp 107-116. 9077-77

DSIR LILU M.904

RJ-2407

OTS 60-13778
(loan)

Sci - Chem

Mar 60

111, 135

A Study of Oxygen Exchange on Vanadium Catalysts by
the Use of O^{18} , by L. Ya. Margolis and E. G. Plyshevskaya,
5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, May-Jun 1952, pp 415-421.

Consultants Bureau

UKS/1 (R-11-11)
CIA R-11-11

USSR
Scientific - Chemistry

Mar 54 CTS/DEX

10,226

New Method of Densification of the Physical and
Chemical Adsorption on Oxide Semiconductor
Catalysts, by S. Yu. Blonich, L. Ya. Kargolits.
4 pp. UNCL

RUSSIAN, 207, Dok Ak. Nauk SSSR (1956),
Vol. CVII, 1956, pp 112-114. CIA 9039026

ACSIL 1033

Scl - Chem
Jun 59

88, 442

Catalytic Oxidation of Propylene to Acrolein. I,
by O. V. Isayev, L. Ya. Margolis, S. Z. Roginskiy,
5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5,
1959, pp 1522-1527.

Consultants Bureau

Sci

Jul 60

120,452

A Copper Catalyst for the Oxidation of Propylene to
Acrolein, by O. V. Isaev, M. Ya. Kushnerov, L. Ya.
Margolis, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 1,
1958, pp 104-106.

Consultants Bureau

Sci - Chem

May 59

87 032

Oxidation of Propylene to Acrolein on Vanadium and
Molybdenum Catalysts, by I. L. N. Kutsava, L. Ya.
Margolis, 5 pp.

~~XXI~~ ~~RUSSIAN~~ RUSSIAN, per, Zhur Obshch Khim, Vol XXXII,
No 1, 1962, pp 102-107.

GB

Sci

Oct 62

216,154

The Surface Charges of Semiconducting Oxides in
the Adsorption of Gases and Vapors, by E. Kh.
Enikseyev, L. Ya. Margolis and B. Z. Roginskiy,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 3
1959, pp 606-608.

Consultative Bureau

Sci

Feb 60

108,160

Oxides of Transition Metals as Catalysts of
the Oxidation of Hydrocarbons, by L. Ya.
Margolis, S. Z. Roginsky, T. A. Gracheva, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI,
No 5, May 1956, pp 1368-1370.

Consultants Bureau

Sci - Chemistry
May 57

47, 294

Chemical R-2 - 574
4/1/57

Oxidation of Propylene on Cobalt-Manganese Spinel
with Lithium, Titanium, and Copper Oxides Added
By V. R. Linde, L. Ya. Margolis (p. 5)

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 10, 1962, pp. 1723-1727

CB

Sci

Aug 63

343,073

Investigation of Adsorption of Gases on Manganese
Dioxide by the Electric Conductivity Method, by
S. Yu. Elovich, L. Ya. Margolis, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 2, 1957, pp 206-210.

Columbia Tech

Sci - Physics
May 58

62,987